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METHOD OF IMPROVING THE PERFORMANCE OF A DIRECT FEED FUEL CELL

Abstract

The performance of a direct feed fuel cell such as, for example, a direct methanol fuel cell, with an anode having a CO-tolerant catalyst, such as a Pt-Ru catalyst, is improved by periodically reducing the output power of the cell to be less than the normal minimum output of the cell. This is effected, for example, by switching the cell at predetermined time intervals to an open circuit or reduced output power condition.